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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : T. Venkat Gopal ) Group-Art Unit: 1636  
Re. App. No. : 09/404,979 )  
Re. App. Filed: September 22, 1999 )  
For : PEPTIDE-MEDIATED )  
GENE TRANSFER )  
Assignee : Genetic Applications )  
Patent No. : 5,670,347 )  
Issued : September 23, 1997 )  
Examiner : T. McKelvey )

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M.G.  
9/20/00AMENDMENT AND RESPONSE TO OFFICE ACTION

Assistant Commissioner for Patents  
Washington, D.C. 20231

09/11/2000 SSESHE1 00000004 09404979

Dear Sir:

01 FC:203  
02 FC:20463.00 OP  
130.00 OP

Applicant received Petition Decision indicating that Request for Extension of Time under 37 CFR 1.136(b) was GRANTED. In addition, the Office granted Applicant permission to request further extensions of time under 37 CFR 1.136(a). In response to the Office Action mailed April 5, 2000 (two-month extension of time under Rule 136a), please amend the above-identified application as follows:

IN THE CLAIMS

**Please amend Claims 12 and 13 and add Claims 15-21:**

1. (Pending) A transfection vector comprising a synthetic polypeptide linked electrostatically to a DNA structural sequence, forming a polypeptide-DNA complex, wherein said polypeptide is comprised of (A) a polymeric chain of basic amino acid residues, (B) a nuclear localization signal (NLS) peptide and (C) a hinge region of neutral amino acids that connects said polymeric chain and said NLS peptide.